

PERMANENTE CREEK TRAIL PROJECT, HIGHWAY 101 TO OLD MIDDLEFIELD WAY

CONSTRUCTION UPDATE NO. 4

Updated: May 7, 2011

Note: This construction update webpage will be updated the first week of every month for the duration of construction of the Permanente Creek Trail Project. The webpage may be updated more frequently should the need arise to inform the public about a specific event, issue, and/or construction activity.

**** General construction information and project schedule are shown below. The current construction update is shown on the next page. ****

Construction – General Information

Construction of the project began in December 2010 and is expected to continue through spring 2012. The bridge will be constructed before the tunnel.

Pile driving will be necessary to construct the foundation of the bridge. Pile driving may cause considerable noise and vibrations. Specific information about pile driving including the hours and locations it will occur will be distributed to directly impacted residents and businesses. During the bridge construction, the trail from Highway 101 to Charleston Road will be closed, and freeway and lane closures on Highway 101 will occur at night between the hours of 12am and 5am. Work in the freeway median and construction of the bridge above the freeway may cause temporary traffic delays through the construction site.

During the tunnel construction, it will be necessary to close Telford Avenue from Old Middlefield Way to Spring Street for 45 days during the 2011 Crittenden School summer recess. In addition, lane closures and traffic control along Old Middlefield Way between Highway 101 and Sierra Vista will be necessary.

Construction vehicles and equipment will enter and exit the work zone during construction and this movement will have some impact on traffic on Charleston Road and Old Middlefield Way.

Residents and businesses directly impacted by construction will be notified of specific events and construction impacts during construction.

The overall construction schedule is as follows:

Begin Project Construction	December 2010
Pile Driving	December 2010 to February 2011
Bridge Construction	December 2010 to December 2011
Tunnel Construction	Summer 2011 to Spring 2012
45-day Telford Avenue Closure	Summer 2011
Complete Project Construction	Spring 2012

**** Current Construction Update ****

The following construction update covers the period from April 1 through April 30, 2011.

Major Work Completed To Date (Month Completed - Activity)

April 2011 - Completed bridge footings and columns on north and south sides of Hwy 101

March 2011 - Completed bridge footings and columns, abutment No. 1 through bent No. 9

February 2011 - Pile driving completed

February 2011 - Bridge footings completed

Progress of Work – April 2011

- Completed the construction of all bridge footings and columns on the north and south sides of Highway 101, and completed structural backfill at all footings/columns and abutments.
- Completed falsework construction for the reinforced slab section on the north side, installed deck reinforcement steel, and poured bridge deck. After the curing period for the slab deck, the falsework was released and removed.
- Completed temporary falsework for the box girder section from Bent 5 to Bent 7, installed stem and soffit reinforcement, and completed concrete placement at the stems and soffit.
- Completed the temporary falsework for the slab deck from Bent 11 to Abutment 16 on the north side of the project adjacent to Google, and commenced deck forming.
- Commenced construction of the SCVWD floodwalls and completed partial footing construction with reinforcement and concrete placement.
- Ongoing establishment and maintenance of storm water pollution prevention measures.

Work Planned and Impacts to the Public – May 2011

Planned Work:

- The bridge deck from Bent 5 to Hinge 1 (near Bent 7) on the south side of Highway 101 will be completed with the placement of reinforcement and concrete.
- Upon deck concrete placement, the installation of prestress strands will be installed and the bridge will be stressed after 10 days of the deck pour. Falsework will then be release and removed up to Hinge 1.
- On the north side, the slab bridge deck from Bent 11 to Abutment 16 will be completed and falsework removed after the curing period.
- The contractor will continue with the construction of the SCVWD Floodwalls.

- Construction of the temporary falsework will also commence on the box girder section from Bent 9 to Bent 11.
- Continue with storm water pollution and prevention establishment and maintenance.

Impacts to the Public:

- Traffic delays are expected while motorists become familiar with the new lane alignment. This lane alignment will be in place for several months while the bridge is being constructed.
- Motorists are encouraged to consider alternate routes including Amphitheatre Parkway, Old Middlefield Way, Rengstorff Avenue, Shoreline Boulevard, and Charleston Road to avoid traffic delays during construction.

For more information regarding the Permanente Creek Trail extension project, please contact the City's project manager:

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Construction Photos – April 2011



Photo 1 – Slab Bridge Deck reinforcement from Abutment 1 to Bent 5

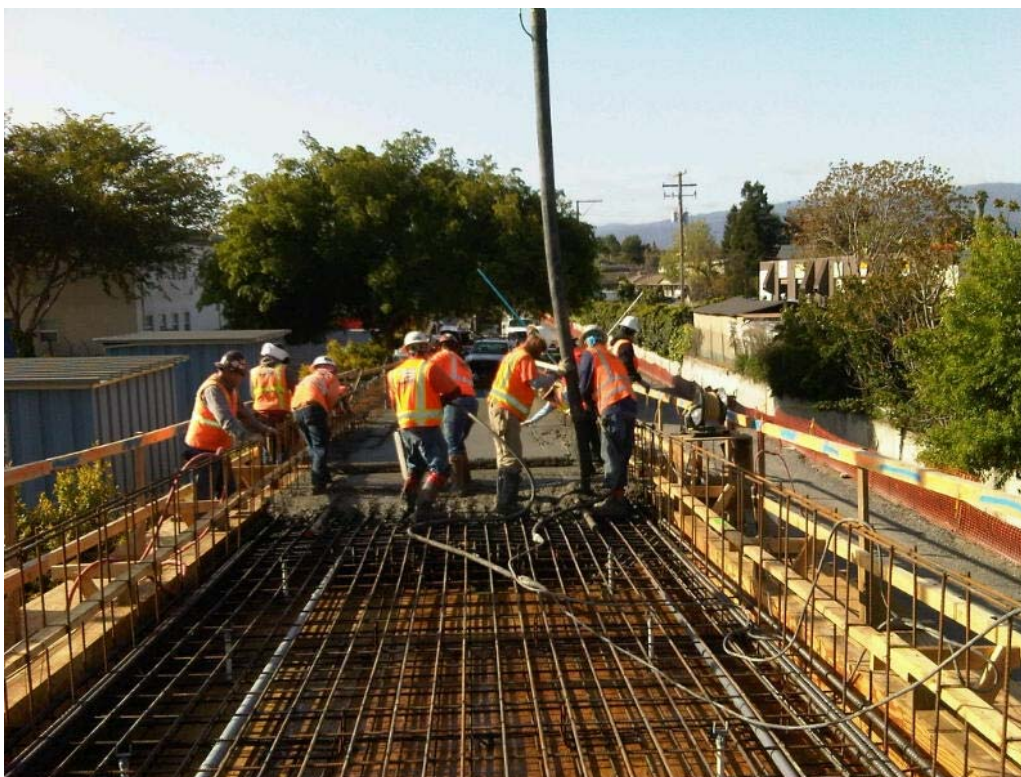


Photo 2 – Slab Bridge Deck concrete pour from Abutment 1 to Bent 5



Photo 3 – SCVWD Floodwall Construction along PCT



Photo 4 - Box Girder Deck Formwork (for "Lost Deck") from Bent 5 to Hinge 1